**APPENDIX B**

**LIST OF ACRONYMS**

# LIST OF ACRONYMS

A/C             Aircraft
A/D             Analog/Digital
A/G             Air-to-Ground
AAIS            Aeronautical Advisory Information Service
ACF             Area Control Facility
ADLS            Aeronautical Data Link System
ADS             Automatic Dependent Surveillance
AFSS            Automated Flight Service Station
AIS             Aeronautical Industry Services
AM              Amplitude Modulation
AOC             Aeronautical Operational Communications
ARTCC           Air Route Traffic Control Center
ASOS            Automated Surface Observing System
ASTA            Airport Surface Traffic Automation
ATC             Air Traffic Control
ATCT            Air Traffic Control Tower
ATIS            Automated Terminal Information System
ATM             Air Traffic Management
ATN             Aeronautical Telecommunications Network
ATS             Air Traffic Services
AVG             Automatic Voice Generation
AWOS            Automated Weather Observing System
AWPG            Aviation Weather Products Generator

BUEC            Back-Up Emergency Communications

CAT II          Category II
CNS             Communications, Navigation, and Surveillance

DF              Direction Finding
DLP             Data Link Processor
DSR             Display System Replacement

EFAS            En Route Flight Advisory Service
EFIS            Electronic Flight Instrument System
ETVS            Enhanced Terminal Voice Switch

FAA             Federal Aviation Administration
FANS            Future Air Navigation System
FIR             Flight Information Region
FIS             Flight Information Services
FMS             Flight Management System
FSS             Flight Service Station
FY              Fiscal Year

G/G             Ground-to-Ground
GNI             Ground Network Interface
GNSS            Global Navigation Satellite System

HDL             Host Data Link
HF              High Frequency

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|---|---|
| HIWAS | High Altitude In-Flight Weather Advisory Service |
| HSD | Horizontal Situation Display |
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| IAD | Dulles International Airport |
| ICAO | International Civil Aviation Organization |
| ICD | Interface Control Document |
| ID | Identification |
| IFBS | In-Flight Briefing Specialist |
| IFR | Instrument Flight Rules |
| ILS | Instrument Landing System |
| IMC | Instrument Meteorological Conditions |
| IRD | Interface Requirements Document |
| ISSS | Initial Sector Suite Subsystem |
| ITWS | Integrated Terminal Weather System |
| | |
| kHz | Kilohertz |
| | |
| LCF | Local Control Facility |
| LGA | LaGuardia Airport |
| LOS | Line of Sight |
| | |
| MCF | Metroplex Control Facility |
| MHz | Megahertz |
| MNS | Mission Needs Statement |
| MOPS | Minimum Operational Performance Standards |
| MWP | Meteorological Weather Processor |
| | |
| NADIN | National Airspace Data Interchange Network |
| NAS | National Airspace System |
| NOTAM | Notice to Airmen |
| | |
| PDC | Pre-Departure Clearance |
| PIREP | Pilot Report |
| PTT | Push-to-Talk |
| | |
| RCAG | Remote Center Air/Ground Communications Facility |
| RCO | Remote Communications Outlet |
| RF | Radio Frequency |
| RFI | Radio Frequency Interference |
| RIU | Radio Interface Unit |
| RMM | Remote Maintenance Monitoring |
| RMMS | Remote Maintenance Monitoring System |
| RMS | Remote Maintenance System |
| RS | Radio Site |
| RTCA | RTCA, Inc. (formerly Radio Technical Commission for Aeronautics) |
| RTR | Remote Transmitter/Receiver |
| RVR | Runway Visual Range |
| RWY | Runway |
| | |
| SATCOM | Satellite Communications |
| SIGMET | Significant Meteorological Advisory |

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|---|---|
| TAS | True Air Speed |
| TCAS | Traffic Alert and Collision Avoidance System |
| TCCC | Tower Communications Command and Control |
| TDLS | Tower Data Link Services |
| TDMA | Time Division Multiple Access |
| TFM | Traffic Flow Management |
| TMU | Traffic Management Unit |
| TRACON | Terminal Radar Approach Control Facility |
| TWDL | Two-Way Data Link |
| TWEB | Transcribed Weather En Route Broadcast |
| | |
| UAL | United Air Lines |
| UHF | Ultra High Frequency |
| US | United States (of America) |
| | |
| VDL | VHF Data Link |
| VFR | Visual Flight Rules |
| VHF | Very High Frequency |
| VMC | Visual Meteorological Conditions |
| VOR | Very High Frequency Omnidirectional Radio Range |
| | VSCS Voice Switching and Control System |
| | |
| WARP | Weather and Radar Processor |